

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	44	("20020061797" "20020190173" "20030022744" "20030092519" "20040063528" "20040115962" "3919891" "4078444" "5123548" "5514041" "5518456" "5577969" "5681234" "5860880" "5873283" "6277044" "6282976" "6619154" "6629574" "6648782" "6679797" "6767308").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 00:20
S2	24	("2187368"   "3364762"   "3535950"   "4259873"   "4619633"   "5302155"   "5407396"   "5498211"   "5518456"   "5597366"   "5624335"   "5649877"   "5660407"   "5669840"   "5695421").PN. OR ("5860880").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 00:27
S3	1	2002-173226.NRAN.	DERWENT	OR	OFF	2007/03/30 00:54
S4	2	derailleur and (motor with (jam\$4 or malfunction or failure))	DERWENT	OR	OFF	2007/03/30 00:55
S5	25	derailleur and (motor with (jam\$4 or malfunction or failure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 12:36
S6	1	"6902503"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 01:06
S7	40	"4340471"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 01:07
S8	1	2003-450981.NRAN.	DERWENT	OR	OFF	2007/03/30 01:14
S9	1	2003-450981.NRAN.	DERWENT	OR	OFF	2007/03/30 01:18
S10	0	474/78	DERWENT	OR	OFF	2007/03/30 01:18

## EAST Search History

S11	348	474/78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 01:18
S12	9	("4030374"   "4279605"   "4362522"   "5624336"   "5779581"   "5816966"   "6146298"   "6234927"   "6341538").PN. OR ("6491597").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:29
S13	3	("5620384"   "5779581").PN. OR ("6146298").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:30
S14	28	("4199998"   "4226130"   "4330137"   "4424048"   "4486182"   "4887990"   "5037355"   "5312301").PN. OR ("5620384").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:30
S15	7	("4330137"   "5496222"   "5620384"   "5728018"   "5846148"   "6117032"   "6277044").PN. OR ("6612950").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:32
S16	15	("1883041"   "3105281"   "5121946"   "5375888"   "5620384"   "5755464"   "5772253"   "5772257"   "5779581").PN. OR ("6270124").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:34
S17	14	("1883041").URPN.	USPAT	OR	OFF	2007/03/30 01:39
S18	15	("1883041"   "3105281"   "5121946"   "5375888"   "5620384"   "5755464"   "5772253"   "5772257"   "5779581").PN. OR ("6270124").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:43
S19	11	("1321841"   "1883041"   "2929578"   "5012607").PN. OR ("5377441").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:45
S20	3	("1321841").URPN.	USPAT	OR	OFF	2007/03/30 01:48
S21	18	("0967877"   "2104301"   "3453899"   "3730012"   "4164249"   "4237743"   "4286953").PN. OR ("4486182").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 01:53
S22	20	("3813955"   "3890847"   "4030374").PN. OR ("4237743").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 02:10
S23	104	474/79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 02:10

## EAST Search History

S24	8	("3863512"   "4041788"   "4922164"   "5480356"   "5514041"   "6162140"   "6350212").PN. OR ("6648782").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 02:13
S25	15	("3919891"   "4861320"   "4946425"   "5359884"   "5470277"   "5480356").PN. OR ("6162140").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 02:17
S26	7	("4864885"   "4952196"   "5102372"   "5618241"   "5653649"   "5681234"   "6162140").PN. OR ("6293882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 02:19
S27	13	("3442148"   "3535950"   "4174099"   "4267742"   "4507101"   "5135441"   "5613405"   "5618241"   "5699884"   "5728018"   "5890979").PN. OR ("6517456").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 02:27
S28	543	474/80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 03:00
S29	10	("3910136"   "4586913"   "4632416"   "4854924"   "5018564"   "5061224"   "5540118").PN. OR ("5676616").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 02:43
S30	162	474/81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 12:08
S31	392	474/82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 12:34
S32	10	("4279605"   "4330137"   "4424048"   "4460347"   "5496222"   "5607367"   "5728018"   "5846148").PN. OR ("6277044").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 12:14
S33	9	("5037355"   "5104358"   "5312301").PN. OR ("5816966").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 12:17

## EAST Search History

S34	16	("0469602"   "0583860"   "2130252"   "3400956"   "3693469"   "4046025"   "4434679").PN. OR ("4684281").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 12:26
S35	20	("3813955"   "3890847"   "4030374").PN. OR ("4237743").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/30 12:32
S36	65	474/83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 12:34
S38	221	(front near derailleur) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 17:59
S39	80	(front near derailleur) and motor and (failure or jam\$4 or malfunction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 18:08
S40	35	(front near derailleur) and motor and (failure or malfunction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 20:28
S41	2	("2003/0092519").URPN.	USPAT	OR	OFF	2007/03/30 18:18
S42	1	"6726586 "	USPAT	OR	OFF	2007/03/30 18:18
S43	9	(front near derailleur) and motor and (adjustment near screw)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 20:29
S44	13	(front adj derailleur) and (shock adj absorber) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 04:24

## EAST Search History

S45	7	(front adj derailleur) and (position near screw) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 04:33
S46	62	(front adj derailleur) and adjustment and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 04:27
S47	18	("20020190173"   "20030092519"   "20040063528"   "20040115962"   "3919891"   "5213548"   "5514041"   "5518456"   "5577969"   "5681234"   "5860880"   "5873283"   "6282976"   "6619154"   "6629574"   "6648782"   "6679797"   "6767308").PN. OR ("6979009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/31 04:31
S48	11	(front adj derailleur) and (adjust\$4 near screw) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/31 04:33